

Title (en)

COMPOSITE PRODUCT OBTAINABLE BY COGRINDING OF AN ACTIVE PRINCIPLE WITH A COPOLYMER N-VINYL-2-PYRROLIDONE/VINYL-ACETATE

Title (de)

ZUSAMMENSETZUNG, DURCH ZUSAMMEN VERMAHLEN EINES WIRKSTOFFES MIT EINEM N-VINYL-2-PYRROLIDON/VINYLAETATKOPOLYMERS ERHÄLTICH

Title (fr)

PRODUIT COMPOSITE OBTENU PAR BROYAGE D'UN PRINCIPE ACTIF AVEC UN COPOLYMERE N-VINYLE-2-PYRROLIDONE/VINYLE-ACETATE

Publication

**EP 1638527 B1 20061025 (EN)**

Application

**EP 03741075 A 20030627**

Priority

IT 0300401 W 20030627

Abstract (en)

[origin: WO2005000273A1] The present invention describes how to obtain composite products comprising an active substance supported by a carrier, in which the carrier is the linear copolymer of N-vinyl-2-pyrrolidone with vinyl acetate. The composite products are obtained by co-grinding of the dry mixture of the active substance and of the aforesaid carrier. The composite products thus obtained have better chemical-physical properties (lower melting enthalpy and/or lower melting temperature of the active substance) and a higher dissolution speed with respect to composite products obtained with the same-co-grinding time with other carriers used in prior techniques. Furthermore, the composite products obtained with the technique according to the present invention have the appearance of powders that are easier to work from a pharmaceutical point of view (flow, compression) with respect to composite products previously obtained with other carriers.

IPC 8 full level

**A61K 9/14** (2006.01)

CPC (source: EP US)

**A61K 9/146** (2013.01 - EP US)

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PT RO SE SI SK TR

DOCDB simple family (publication)

**WO 2005000273 A1 20050106**; AU 2003304242 A1 20050113; DE 60309356 D1 20061207; DE 60309356 T2 20070830; EP 1638527 A1 20060329; EP 1638527 B1 20061025; PT 1638527 E 20070228; US 2006141038 A1 20060629

DOCDB simple family (application)

**IT 0300401 W 20030627**; AU 2003304242 A 20030627; DE 60309356 T 20030627; EP 03741075 A 20030627; PT 03741075 T 20030627; US 56170705 A 20051221